

Date: Mon, 10 Jan 94 21:39:22 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #21
To: Info-Hams

Info-Hams Digest Mon, 10 Jan 94 Volume 94 : Issue 21

Today's Topics:

 * SpaceNews 10-Jan-94 *
 Amateur Radio Newsline #856 7 Jan 94
 Display Phone for Packet - Thanks
 Help finding: BPQAX25.EXE
 Log Periodics and DXing
 Phonecalls from 20,000 feet?!... (2 msgs)
 VHF - UHF mobile antenna for scanner
 why 29.94 fps?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 10 Jan 94 15:42:56 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 10-Jan-94 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0110
* SpaceNews 10-Jan-94 *

BID: \$SPC0110

=====
SpaceNews
=====

MONDAY JANUARY 10, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

★ AO-16 NEWS ★

=====

Recommended Operation Procedure to Reduce AO-16 Uplink Contention:

1993 has brought many new satellites and many new satellite users. It would be good to dust off an old AMSAT bulletin from 1991 to help refresh the "old-timers" procedures and to acquaint new users to the recommended uplink frequency usage.

The AO-16 Command Team recommends that users of the AO-16 PBBS system use only uplink channel D (145.960 MHz) for download and directory requests leaving channels A, B, and C (145.900, 145.920, and 145.940 MHz) for file uploads and digi users.

Stations uploading files should stay off of the download/directory/fill request channel D as their longer uplink packets will collide with the shorter request packets. Stations doing downloads and directories should stay off channels A, B, and C since their frequent but short requests will collide with longer uplink attempts seriously degrading uplink performance. Another benefit of using this procedure, while most of the uplink activity to AO-16 will be on channel D (145.960) this frequency is high enough in the passband of AO-13 that QRMing our fellow operators will be kept to a minimum when Pacsat crosses beneath AO-13's path.

Recommended AO-16 operating practice in summary:

Downlinks: 437.050 (also 2400.143 on experimenter's day.)

Uplinks: 145.900 A uploads
145.920 B uploads
145.940 C uploads
145.960 D downloads, fills and directory requests

[Info via WJ9F, AO-16 Command Team Leader]

★ NASA TV MOVED ★

=====

NASA Select Television has moved to Spacenet 2, transponder 5, C band, 69 degrees west longitude, 3880.0 MHz, horizontal polarization, with audio on a 6.8 MHz subcarrier. NASA Select offers daily educational and

information programming, carries shuttle launches and mission coverage, and occasionally airs live coverage of Shuttle Amateur Radio Experiment activity. The move occurred on 08-Jan-93 at 1500 UTC.

[Info via ARRL]

★ NEW MIR CREW ★

=====

By Serge Samburov, RV3DR

Launch: 08.01.94 aboard SOYUZ-TM18 (crew #15)

Docked at the port of "MIR" 10.01.94

Undocked and launched to Earth cosmonauts V. V. Ziblyiv
and A. A. Serebrov (crew #14) 14.01.94 aboard Soyuz TM17

Crew #15:

Viktor Afanasiev (commander) HAM #30, call U9MIR

Yuri Usachev (flight engineer) HAM #31, call R3MIR

Valerij Polyakov (doctor) HAM #32, call U3MIR

Call packet: R0MIR

Call PMS "MIR": R0MIR-1

Call voice U3MIR, U9MIR, R3MIR, R0MIR op. Viktor, Valerij, Yuri

```
=====
#  CALL      NAME                      #  CREW  FLIGHT TIME
=====
30 U9MIR  VIKTOR AFANASIEV              15   08.01.94-04.07.94
31 R3MIR  YURI  USACHEV                  15   08.01.94-04.07.94
32 U3MIR  VALERIJ POLYAKOV             15/16/17 08.01.94-april 95
=====
```

Starting 01.01.93 the new QSL Manager for cosmonauts is RV3DR.

I also confirm all QSOs with station MIR from 1988.

RV3DR-Serge Samburov, Space "MIR" QSL Manager

Chief of Cosmonaut Amateur Radio Department NPO "Energia"

All QSLs should be sent to:

P.O.BOX 73, Kaliningrad-10 city, Moscow Area, 141070, RUSSIA.

Send me message via PKT: RV3DR#R#MIR or RV3DR@RK3KP.#MSK.RUS.EU

Happy QSQ BEST 73 ***RV3DR***

[Info via N2NRD]

★ GST UPDATE FOR 1994 ★

=====

For those tracking satellites with BASIC programs that require sidereal time constants, here is the Greenwich Sidereal Time (GST) for January 0, 1994:

G2 = 0.2761908

You will need to replace this value in your program for element sets having Epoch years of 1994 and later. Don't forget that you can just use a date of 13/01/93, 13/02/93, ... until you get 1994 element sets.

[Info via Dick, N3FKV]

* F0-20 OPERATION SCHEDULE *

=====

The following is the current operating schedule for F0-20:

ANALOG MODE:

12-Jan-94 7:30 -to- 19-Jan-94 7:50 UTC

26-Jan-94 8:20 -to- 02-Feb-94 6:50 UTC

09-Feb-94 7:15 -to- 16-Feb-94 7:40 UTC

The digital (Mode JD) transponder is available at all other times.

[Info via Kazu Sakamoto, JJ1WTK]

* THANKS! *

=====

Thanks to all those who sent messages of appreciation regarding SpaceNews, especially:

FB1RCI XE1KK VU2LBW VK3ZMF XX9AS Frank L. Weissferdt

* FEEDBACK/INPUT WELCOMED *

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107

PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD
 Department of Engineering and Technology
 Advanced Technology Center

Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

--

John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\| Packet : KD2BD @ N2KZH.NJ.USA.NA
Brookdale Community College |/\| Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * /\ * Morse : -. -.. ..--- -..

Date: Mon, 10 Jan 1994 06:04:13 MST
From: destroyer!nntp.cs.ubc.ca!alberta!nebulus!ve6mgs!usenet@uunet.uu.net
Subject: Amateur Radio Newsline #856 7 Jan 94
To: info-hams@ucsd.edu

The electronic publication of the Amateur Radio Newsline is distributed with the permission of Bill Pasternak, WA6ITF, President and Editor of Newsline. The text is transcribed from the audio service by Dale Cary and is first published on Genie.

Editorial comment or news items should be E-mailed to 3241437@mcimail.com or B.PASTERNAK@genie.geis.com. Voice or FAX to +1 805-296-7180.

All other information and disclaimers are in the text header below.

- - - - -

NEWSLINE RADIO - CBBS EDITION #106 - POSTED 01/09/94

```
*****
*
*      * * ***** *      * ***** *      ***** *      * ***** *
*      ** * *      *      * *      *      *      ** * *      *
*      * * * ***      * ** * *** *      *      * * * * ***
*      * ** *      * ** *      * *      *      * ** *
*      *      ***** * * ***** ***** *      * *****
*
*      *****      * ***** ***** ***
*      *      * * * *      * * * *
*      ***** ***** *      * * * *
*      * * * * * * * *      * * * *
```


[856]

* * * * C L O S E D C I R C U I T A D V I S O R Y * * * *
*
* The following is a closed circuit advisory and is not *
* for air via amateur radio. This is just a reminder that *
* the address for the Newsline Support Fund is Newsline, in *
* care of Dr. Norm Chalfin, K6PGX, P.O.Box 463, Pasadena, *
* California 91102. Again and as always, we thank you. That *
* ends the closed circuit with Newsline report number 856 for *
* release on Friday, January 7, 1994 to follow. *
*
* * * * *

* * * The following is a QST * * *

The ARRL takes a strong stand against instant licensing. It says that its time for all hams to say no!

ARRL: NO TO INSTANT LICENSING

The American Radio Relay League has said no to the FCC's idea for a so-called "Instant License." The league says that P.R. Docket 93-267 is fraught with misgivings, not the least of which would be the inability of the amateur radio community to identify a person who has passed an Amateur Radio examination from someone who simply bought a radio, made up a call sign and went on the air.

By way of background, it was last November that the FCC issued the Notice of Proposed Rule Making in which it proposed that temporary operating authority for up to 120 days be granted to anyone who had earned a Certificate of Successful Completion of Examination. This, by passing the examination elements required to get any class of Amateur Radio license. The FCC put very few limitations on the program. It did say that any person with a history of non-compliance with the Amateur Service Rules would not be eligible to apply. It also noted that the FCC retained the right to cancel the operating authority at any time. And that was it. There were no other clear cut safeguards against abuses included in the proposal and that's what worried many hams.

Now, writing in the January 1994 edition of QST Magazine, ARRL-Executive Vice President Dave Sumner, K1ZZ states that the league has several major concerns with the proposal. These are with the planned system for on-the-air identification and the fact that the FCC has not proposed any safeguards to keep

massive bootlegging from occurring.

Sumner notes that the call sign system being proposed would not in all cases conform to ITU regulations. He also points out that by being self assigned call letters, there would be absolutely no way for local amateurs concerned about the possibility of a non-licensed operator being in their midst. That there would be no way to check on the validity of the call sign being used.

The ARRL also questions whether or not the FCC has the authority to even propose such a self licensing scheme. K1ZZ notes that only a few years ago the Commission determined that it lacked the authority to implement a similar temporary licensing proposal and he goes on to question the basis on which the FCC has now made this about face.

According to Sumner the time it takes to issue a ham radio license can be cut down appreciably by eliminating much of the paperwork that now is involved and instead permit electronic filing of the completed applications by the nations Volunteer Examination Coordinators. He notes that the most of the nations VEC's appear to favor an electronic filing system to eliminate many of the paperwork delays now happening at the FCC's Gettysburg, Pennsylvania License Processing facility. Sumner says that this one change would result in the turn around time for processing any license to drop to only a few weeks while protecting the security of the license itself.

The ARRL is actively urging its members to take a strong position against the implementation of PR Docket 93-267. It has suggested that all concerned radio amateurs write in opposition to the "Instant License" proposal from the FCC.

VANITY CALL SIGN NPRM ISSUED

The FCC has now formally released its Notice of Proposed Rule Making, in PR Docket 93-305, aimed at permitting amateurs to choose a vanity call sign. Individuals as well as trustees of club stations will be eligible to request an available call sign from the block assigned to their license class or a lower license class.

A fee will be required for a vanity call sign. The Communications Act specifies a fee of 7 dollars per year for amateur service vanity call signs. It also allows the Commission to require payment of the fee in advance for a number of years not to exceed the relevant license term. Fee issues would be resolved under a separate FCC rule making proceeding, and the vanity call sign system would not be started until then, the FCC said.

If enacted, an applicant would have to provide the Commission

a list of up to ten total call signs desired. The FCC would assign the first available requested call sign from the applicant's list. If none of the desired call signs was available, the applicant's current call sign would be reassigned.

Call signs of lapsed or deceased licensees would not be available for reassignment for two years. A call sign relinquished under the vanity call sign program would be available for reassignment immediately.

The FCC said that even with its new automated licensing process it did not expect to be able to offer amateurs on-line access in order to check for call sign availability. It did however ask for comments on how such a service could be provided. The FCC says that its eventual goal is to accept all license applications electronically.

The comment deadline for P. R. Docket 93-305 is March 7, 1994. Reply comment deadline is April 7, 1994. The ARRL is asking its members to let their Division Directors know how they feel on this one as soon as they possibly can.

LOS ANGELES PROBE

The probe into allegations of possible wrong doing by a growing number of Southern California Volunteer Examiners has taken a new twist. This, with word that some hams who upgraded at sessions run by these examiners have received letters from the FCC telling them that their tests have been disqualified. This is something that was expected from the outset since the FCC routinely takes this action anytime it deems a session is suspect.

What makes this case different is the possible number of hams that could receive these notices. Newsline has learned that some of the test sessions involved took place almost a year ago. This means that some of those returning to lesser class licenses may themselves have become Volunteer Examiners and that the test sessions that they administered could be disqualified as well.

Right now, the letters going out order the recipient to immediately cease using his or her upgraded privileges and to forward to the FCC by registered mail any Certificates of Successful Completion of Examination that have been awarded to them. The letters also reportedly say that in cases where the certificates have been used for further upgrade that the applicant must provide to the FCC the date, time and location of the testing session, the name of the Volunteer Examination Coordinator and the names, call signs and addresses of the Volunteer Examiners who provided the test.

If our information is correct and we have reason to believe that it is, then as many as 200 Southern California upgrades

could be affected.

LLOYD COLVIN, S.K.

Some sad news to report. Word has reached Newsline that famed DXpeditioner Lloyd Colvin, W6KG has died. Charles Mc Henry, W6BSY says that he received word from the Lloyd's son-in-law with word that W6KG passed away on December on 13th in Ankara, Turkey. At the time of his death, Lloyd and his wife Iris W6QL were in Ankara waiting for licenses to be issued for their next on-the-air operation. They expected their Turkey operation to last at least three months. In their long career as prominent DXers, Lloyd and Iris had operated from over 150 countries. DXer Lloyd Colvin, W6KG, dead at age 78.

NEWSPAPER WRONG

Word that Thomas Lee Larsen, a convicted child molester now charged with an arson threat is not a ham. The San Jose Mercury newspaper reported that Larson was a licensed radio amateur. We checked Larson in the FCC's Amateur Radio database and in the Sam electronic call directory. Thankfully, there is no Thomas Lee Larson to be found. Someone might want to call the San Jose Mercury and tell the newspaper that it was wrong.

SEDAR

SEDAR is an acronym for the newly formed South Eastern Dealers of Amateur Radio. The organization was formed at the Greensboro Hamfest to further the exchange of information and cooperation between members and assist all amateur club sponsored Ham Fests through out the South Eastern United States.

SEDAR is in the process of compiling an information booklet of all hamfests in approximately fourteen Southeastern states. If your club is planning to host a hamfest and your date is tentative, you may request a copy of other clubs' show dates from Sedar's secretary Kay Johnson KB4HHX, 5 Shoo Fly Circle, Ridgeville, SC 29472. Please be certain to include a self addressed stamped envelope with your information request.

NEWSLINE SPEAKERS

While on the subject of ham radio conventions, word that we at

Newsline now have speakers available to talk to your radio club, hamfest, convention, convention banquet or what have you. Many of Newsline's speakers are professionals in the world of broadcast journalism or the broadcast industry and possess a wide field of knowledge on many subjects allied to news gathering and dissemination. Through them you can learn the way that these Newsline bulletins are researched, authenticated, written, recorded and put to air while also finding out the advantages of having weekly Newsline ham radio news bulletins as a regular feature on your net or repeater. There is no honorarium charged within 25 miles of Los Angeles California and expenses only required anywhere else nationwide or world-wide. At least 60 days advance notice is required on out-of-town engagements. For further information on having a Newsline speaker at your gathering, please write to us at the address you will hear at the end of the newscast. Or you can call or fax us at area code (805) 296-7180. That number is good 24 hours a day.

NJ QSO PARTY

A reminder from WB1GXM that February 12th and 13th is the date for the 1994 New Hampshire QSO Party. There will be 14 bonus point stations from across the state. The QSO Party is also a great place to work all ten New Hampshire counties needed for the New Hampshire Amateur Radio Associations Worked All New Hampshire Award. This award is administered by the North Country Amateur Radio Association of Lancaster, New Hampshire.

DX

In DX, word that Fred Laun, K3ZO will be active from Thailand as HS0ZAR from mid-January to mid-February. Fred says to QSL to his home call.

Also LA5EBA, will be active as JW5EBA starting in mid January for 6 months. He will work for a meteorological station on Hopen Island, which is part of the Svalbard group that may qualify for a new IOTA number.

TORA

A word of congratulations to a fine group of dedicated radio amateurs who spent New Years Eve out in the cold. Of coarse we are talking about those hams who help to coordinate the annual Tournament of Roses Parade from Pasadena, California. The group is known as TORA. That stands for Tournament of Roses Amateur

Radio. Each year the TORA group is on hand to lend a hand to parade officials. Their main job comes when the floats and marchers start their way down Colorado Boulevard. Using video cameras and ham TV the TORA group is ever alert for any kind of an emergency situation that might develop. If they spot something they send their pictures back to the parade coordinator who can take the necessary action, TORA pioneered the use of ham television in the Tournament of Roses Parade almost two decades ago and the group has been refining the technology ever since.

TOR-TV

Also, for those of you who tuned in early enough to catch the CBS network pre-parade show titled Coming Up Roses, be advised that it to had a ham radio connection. Anyone who caught the credits may have spotted it. Coming Up Roses was produced and edited by the same ham who co-produced the award winning New World of Amateur Radio. His name is Frosty Oden, N6ENV.

WESTLINK YOUNG HAM OF THE YEAR

The Westlink Report ham radio newsletter has announced that its annual Young Ham of the Year Award will be presented June the 4th at 1994 Sea Pac Convention in Seaside Oregon. The Westlink Report Young Ham of the Year award was conceived to honor the younger members of the Amateur Radio Community. Hams aged 18 and younger who have used Amateur Radio to significantly contribute to the benefit of the service, to their community or the nation are eligible for it. With corporate underwriting from Yaesu USA Corporation, the 1994 winner will receive a trip to the Sea Pac convention, a piece of ham radio equipment and a special plaque denoting his or her accomplishments.

The cutoff date for submitting applications is April the 15th. The Winner will be notified in early May. All nominations must be submitted on an official application available for a self addressed stamped envelope to the Westlink Report Young Ham of the Year, 28197 Robin Avenue, Saugus, California 91350.

And for this week, that's all from the Amateur Radio Newsline. You can write to us at Post Office Box 463, Pasadena, California 91102.

* * * Newsline Copyright 1993 all rights are reserved. * * *

Date: 11 Jan 94 02:20:30 GMT
From: news-mail-gateway@ucsd.edu
Subject: Display Phone for Packet - Thanks
To: info-hams@ucsd.edu

With the help of Dave Redfearn N4ELM, Peter Simpson KA1AXY, and Roy (info stripped by my mail gateway), I got the display Phone and TNC talking to each other. This is the only way to fly. Thanks guys!

73

Wm. A. Kirsanoff Internet: WAKIRSAN@ananov.remnet.ab.com
Rockwell International Ham: KD6MCI
(714) 762-2872
Alternate Internet: william_a._kirsanoff@ccmail.anatcp.rockwell.com

Who are you? * I am number 2. * Who is number 1? * You are number 6.

Date: 10 Jan 94 19:59:18 -0600
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.kei.com!ddsw1!chigate!radiohobby!darren.leno@network.ucsd.edu
Subject: Help finding: BPQAX25.EXE
To: info-hams@ucsd.edu

To: babyd@mala.bc.ca (DALE BABIY)

>Hiya folks. Posted for a ham w/o net access:

>He's looking for a file called BPQAX25.EXE. I've looked through the
>net and come up with naught, so I can only assume that its some part
>of an archive or something. I'm the new ham on the
>block and I'd dearly
>like to solve this little problem for one of the oldsters :).

>Anyone give me a point in the right direction?

I have BPQAX25.ZIP at Radio Hobby Online BBS, for dialup access.
Modem is 708-238-1901. Full download access first call. Hope this helps.

73,

Darren WD0EWJ/9

Date: Mon, 10 Jan 1994 17:29:52 GMT
From: worldbank.org!news@uunet.uu.net
Subject: Log Periodics and DXing
To: info-hams@ucsd.edu

I'm curious. Does anyone have any experience with HF (20 meters and above) Log Periodic antennas? I'd be particularly interested in learning how they compare with the TH-7DXX/KT34XA class of antenna.

(I'm moving house, and considering a LP to replace my venerable TH-7. I've been kicking around the idea of a L.P, to get WARC band coverage. However, if the performance is such that my TH-7, or a TH-11, will outperform them for DXing and contesting, then I may reconsider.)

Opinions/Comments ?

Thanks, Darrell NR3Y.

Date: 10 Jan 94 19:51:38 -0600
From: ddsww1!chigate!radiohobby!darren.leno@uunet.uu.net
Subject: Phonecalls from 20,000 feet?!...
To: info-hams@ucsd.edu

To: chrism@col.hp.com (Chris Magnuson)

CM> Message-ID: <2gkha4\$n2l@hp-col.col.hp.com>

CM> I am going to Alaska again this year, and would like to investigate
CM> whether it is possible to make phone calls from way up high by radio
CM> (check on the kids, etc.). Is this possible to do via a portable
CM> radio? If so, can you give any pointers on how to get started...I
CM> have until May 27 to get this going.

If you're flying Alaska Airlines, they have phones in their aircraft.
Otherwise, if there's not an inflight phone, you cannot legally use a portable radio or telephone.

Date: 10 Jan 94 19:51:38 -0600
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!eff!

news.kei.com!ddsw1!chigate!radiohobby!darren.leno@network.ucsd.edu
Subject: Phonecalls from 20,000 feet?!...
To: info-hams@ucsd.edu

To: chrism@col.hp.com (Chris Magnuson)

CM> Message-ID: <2gkha4\$n2l@hp-col.col.hp.com>

CM> I am going to Alaska again this year, and would like to investigate
CM> whether it is possible to make phone calls from way up high by radio
CM> (check on the kids, etc.). Is this possible to do via a portable
CM> radio? If so, can you give any pointers on how to get started...I
CM> have until May 27 to get this going.

If you're flying Alaska Airlines, they have phones in their aircraft.
Otherwise, if there's not an inflight phone, you cannot legally use a portable
radio or telephone.

Date: 10 Jan 94 14:23:11 GMT
From: ftpbox!mothost!delphinium.cig.mot.com!mustang18!thweatt@uunet.uu.net
Subject: VHF - UHF mobile antenna for scanner
To: info-hams@ucsd.edu

I asked this question about a month ago but didn't get any response so
here it goes again.

I am looking for an excellent scanner antenna which will cover 30MHz to
1 GHz for my ICOM-R100. I would like to use this antenna to listen to
Police, fire, weather, aircraft, mall security, etc..... Does anyone
know off what "GREAT" all coverage antennas I could look for and what
frequency range are they speced at and what frequency ranges they really
cover good?... I really only want one antenna (I should be able to broadcast
from on 2M and 70cm also, for future upgrades) and it shouldn't be to obtrusive
to mount on the top of my truck.

Thanks,
John

Date: 10 Jan 94 18:19:52 PDT
From: newshub.nosc.mil!crash!cmkrnl!jeh@network.ucsd.edu
Subject: why 29.94 fps?
To: info-hams@ucsd.edu

In article <2gs9mk\$gd6@aurns1.aur.alcatel.com>, powers@aur.alcatel.com (Clifton Powers) writes:

> [...]

> Incidentally, NIST was working on a computer system where you could request time
> and frequency by modem. It would figure out the delay of the telephone path
> and compensate for it.

This has been running for some years now. Last I knew, the phone number was 1-303-494-4774 still seems to be. It answers at 1200 or 300 bps only. The delay compensation works if your computer echoes all characters sent by NIST. With most modems, synchronizaton should be possible to within about +/- 10 msec of the correct time. No frequency standard is provided by this service.

--- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

Date: 10 Jan 1994 17:52:11 GMT
From: korie!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!myers@ames.arpa
To: info-hams@ucsd.edu

References <9401050956.A1778wk@support.com>, <CJBuG3.Bp6@hawnews.watson.ibm.com>, <gregCJF1J7.8MG@netcom.com> p
Subject : Re: On a positive note- (was: Re: RAMSEY KITS NOT TOO GOOD)

In article <gregCJF1J7.8MG@netcom.com> greg@netcom.com (Greg Bullough) writes:
>

>Anyway, I'm glad Ramsay and some of the others are around. But since
>they're really start-ups, they're going to have problems. The question
>is, how do we help them improve?

We could hire them a good engineer who actually understands how to build a PLL synthesized transceiver.

We could buy them a copy of "Solid State Design for the Radio Amateur" so they could purloin good receivers rather than cheesy NE602 designs...

We could loan them a spectrum analyzer so they could actually see how bad the VCO purity is in the FX series radios...

We could buy them a Motorola Radius GM-300 manual so they could purloin excellent VHF/UHF circuits...

Etc.

--

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

End of Info-Hams Digest V94 #21

